ABSTRACT OF THE DISCLOSURE

The invention relates to substances which specifically inhibit peptidases splitting ala-p-nitroanilide for use in medicine. The invention further relates to the use of at least one such substance or of a pharmaceutical or cosmetic composition containing at least one such substance for the prophylaxis and therapy of diseases, in particular the prophylaxis and therapy of diseases with an overshooting immune response (autoimmune diseases, allergies and transplant rejections), of other chronic inflammatory diseases, neuronal diseases and brain damages, skin diseases (acne and psoriasis, among others), tumor diseases and special virus infections (including SARS).